

# Converting Colors

Hex(4DC3C0)

Have a look what the booklet for  
Hex(4DC3C0) contains.

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# Color

Hex(4DC3C0)

# Conversions

## Conversions Part 1

Format	Color
Hex	4DC3C0
RGB	77, 195, 192
RGB Percent	30%, 76%, 75%
CMY	0.6980, 0.2353, 0.2471
CMYK	0.61, 0.00, 0.02, 0.24
HSL	178°, 50%, 53%
HSV	178°, 61%, 76%
XYZ	32.0901, 44.4138, 56.7506
YIQ	159.3760, -69.3650, -25.9490

# Conversions

## Conversions Part 2

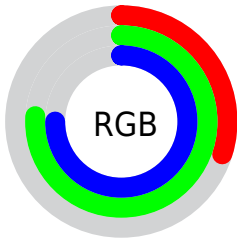
Format	Color
<a href="#">RYB</a>	<a href="#">77, 137, 195</a>
Decimal	<a href="#">5096384</a>
CIELab	<a href="#">72.50, -33.32, -8.36</a>
CIElCh	<a href="#">73, 34.355, 194.084</a>
Yxy	<a href="#">44.4138, 0.2408, 0.3333</a>
Android (android.graphics.Color)	<a href="#">4283286464</a> ( <a href="#">0xFF4DC3C0</a> )
YUV	<a href="#">159.3760, 16.0836, -72.2438</a>
Hunter-Lab	<a href="#">66.6437, -30.6755, -3.8380</a>

# Details

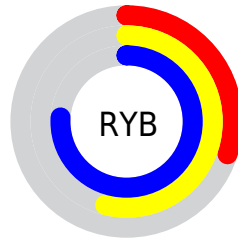
The Hex color **4DC3C0** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **C34D50**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8AFCF8**, and **008D8B** is the 20% darker color. If you saturate the color by 10%, you get **3AC3C0**, and if you desaturate by 10%, it is **61C3C0**.

# Distribution



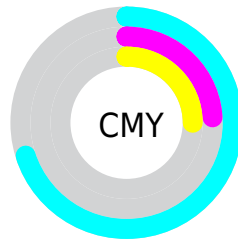
- Red (30%)
- Green (76%)
- Blue (75%)



- Red (30%)
- Yellow (54%)
- Blue (76%)



- Cyan (61%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (70%)
- Magenta (24%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DC3C0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4DC3C0 by changing the saturation by 10% instead.



 4DC3C0

 4DC3C0

FFFFFF

 28A8A5

 8AFCF8

 008D8B

 A8FFFF

 007371

 C6FFFF

 005A59

 E3FFFF

 004241

 002B2B

 001117

 000000

 4DC3C0

 4DC3C0

3AC3C0

61C3C0

26C3BF

74C3C1

12C3BF

87C3C1

00C3BE

9BC3C2

AFC3C2

C2C3C3

D6C3C3

E9C3C4

FDC3C4

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70C2A0



4DC3C0



47C0DD

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4DC3C0



C8A5DF



D6AA76

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4DC3C0



C34D50

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EAA088



4DC3C0



E59CC4

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4DC3C0



9EB0EE



F09AA4



B8B574

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4DC3C0



5EBCEA



F09AA4



DEA77A



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4DC3C0



CFFCFB



51C34D



63807F



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4DC3C0



44FCF8



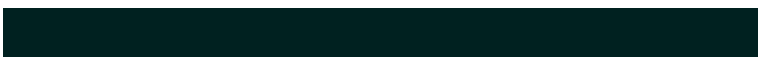
4D8CC3



576161



00A19D



002120



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C34D50



FC4449



C3844D



615757



A10004

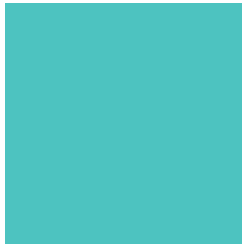


210001



# Previews

## White Background



This preview shows how the Hex color 4DC3C0 looks on a white background.

## Color Contrast Check

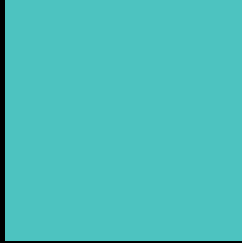
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 4DC3C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

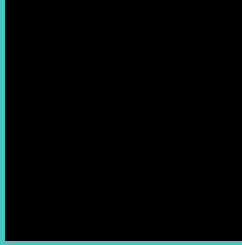
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

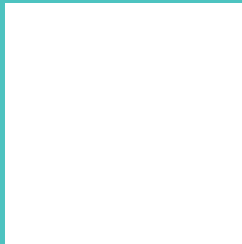
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4DC3C0 Background



This preview shows how black text looks on a background with the Hex color 4DC3C0.



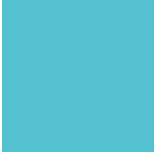
This preview shows how white text looks on a background with the Hex color 4DC3C0.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

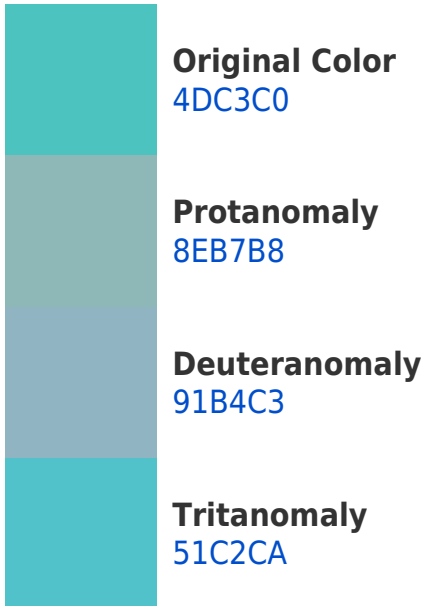
## Dichromacy



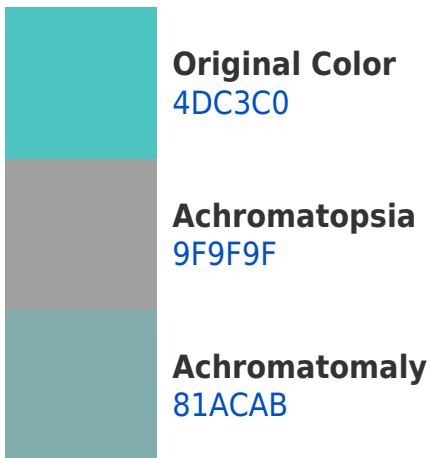


**Tritanopia**  
54C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DC3C0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4DC3C0 looks like.

```
.text, #text, p{  
    color:#4DC3C0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4DC3C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC3C0
}
```

## Border

The CSS property to change the border of an element to Hex 4DC3C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4DC3C0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4DC3C0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4DC3C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC3C0; -webkit-box-shadow:4px 4px  
4px 4px #4DC3C0; box-shadow:4px 4px 4px  
4px #4DC3C0 }
```

# Background

The CSS property to change the background color of an element to Hex 4DC3C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC3C0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4DC3C0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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